

creating translatable source code and executable code for said initial legacy software application and;

utilizing said translatable source code to produce a series of software components, said components being executable by at least one of said computing resources in said network environment, and wherein upon execution, said computing resource is caused to interconnect with the executable code of said legacy software application over said network so as to interact with said legacy software application in the transmission of receipt of information to and from said legacy software application.

2. A method in accordance with claim 1 wherein the legacy software application includes interface specification definitions which include definitions of screen formats, the step of producing the series of software components further comprising generating a series of user interface software components from the screen format definitions, the user interface software components being arranged for execution on the network computing resource to provide a graphical user interface providing at least data entry and display facilities of the interface specification definitions.

3. A method in accordance with claim 2, wherein the interface software components are arranged to generate forms corresponding to forms generated by the legacy software application.

4. A method in accordance with claim 1, comprising the step of generating client interface components, the client interface components being arranged to interact over the network with the legacy software application.

5. A method in accordance with claim 4, the client interface components include a user input object which is arranged to receive data input by a user of the network computing resource and transmit the data to the legacy application, over the network.

6. A method as claimed in claim 1, wherein said series of software components are loadable and executable by an Internet Browser.

09800000-00000000

Ad
cont

utilizing said translatable source code to produce a series of software components, said components being executable by at least one of said computing resources in said network environment, and wherein upon execution, said computing resources in said network environment, and wherein upon execution, said computing resource is caused to interconnect

21. A program storage device in accordance with claim 14, wherein said series of software components are executable by scripting languages running on said network computing resource.

22. A program storage device in accordance with claim 14, wherein said translatable source code includes a series of data field and said series of software components include object-oriented methods for setting or obtaining values of said series of data fields.

23. A program storage device in accordance with claim 14, wherein said network environment comprises the Internet network.

24. A program storage device in accordance with claim 14, wherein said network environment utilized TCP/IP transport protocols.

25. A program storage device in accordance with claim 14, wherein said translatable source code is written in the LINC language.

26. A program storage device in accordance with claim 14, wherein said terminal screen definitions as written in a screen control language.

27. A method for adapting a 4GL legacy software application including template definitions from which a legacy software application can be generated, comprising the steps of;

utilizing said template definitions to produce a series of software components, said components being executable by at least a computing resource in a network environment comprising a system of distributed, interconnected network computing resources, and wherein upon execution, said computing resource is caused to interconnect with the 4GL legacy software applications so as to interact with the legacy application in the transmission and receipt of information to and from the legacy application.

28. A system for adapting a legacy software application developed for environment comprising a centralized computing resource interconnected to a series of computer terminal device to a network environment, wherein said network environment comprises a system of distributed, interconnected network computing resources, the system comprising;

means for creating translatable source code and

106210 9209360

said computing resource is caused to interconnect with the executable code of said legacy software application over said network so as to interact with said legacy software application in the transmission or receipt of information to and from said legacy software application.

A2
cont

31. A system in accordance with claim 28, the means for producing the series of software components, including means for generating client interface components, the client interface components being the range to interact over the network with the legacy software application.

32. A system in accordance with claim 31, the client interface components including a user input object which is arranged to receive data input by a user of the network computing resource and transmit the data to the legacy application, over the network.

33. A system in accordance with claim 28, wherein said series of software components are loadable and executable by an Internet Browser.

39. A system in accordance with claim 28, wherein said translatable source code is written in at 4GL language.

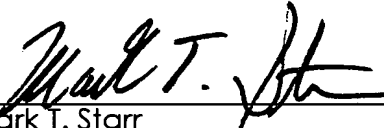
A2
cont.

[illegible]

A2
40. A system in accordance with claim 28, wherein said
translatable source code is written in the LINC language.

Dated: April 20, 2001

Respectfully submitted,

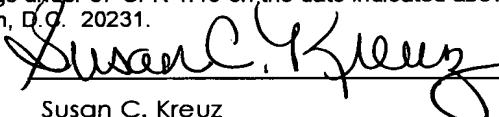

Mark T. Starr
Reg. No. 28,762

UNISYS CORPORATION
Unisys Way, MS/E8-114
Blue Bell, PA 19424-0001
(215) 986-4411

The Director for Patents is hereby authorized to
charge payment to Deposit Account No. 19-
3790 of any fees associated with this
communication.

EXPRESS MAIL Mailing Label Number: EK 719 004 224 US
Date of Deposit: April 23, 2001

I Hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and is
addressed to the Director for Patents, Washington, D.C. 20231.


Susan C. Kreuz

100-922660